



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

PGT Industries
1070 Technology Drive
Nokomis, FL 34275

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "HR 710" Aluminum Horizontal Sliding Window-Non-Impact & Impact Resistant

APPROVAL DOCUMENT: Drawing No. 4111, titled "Aluminum Horizontal Sliding Window", sheets 1 through 5, prepared, signed and sealed by Robert L. Clark, P.E., dated 4/17/02, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact and Non-Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

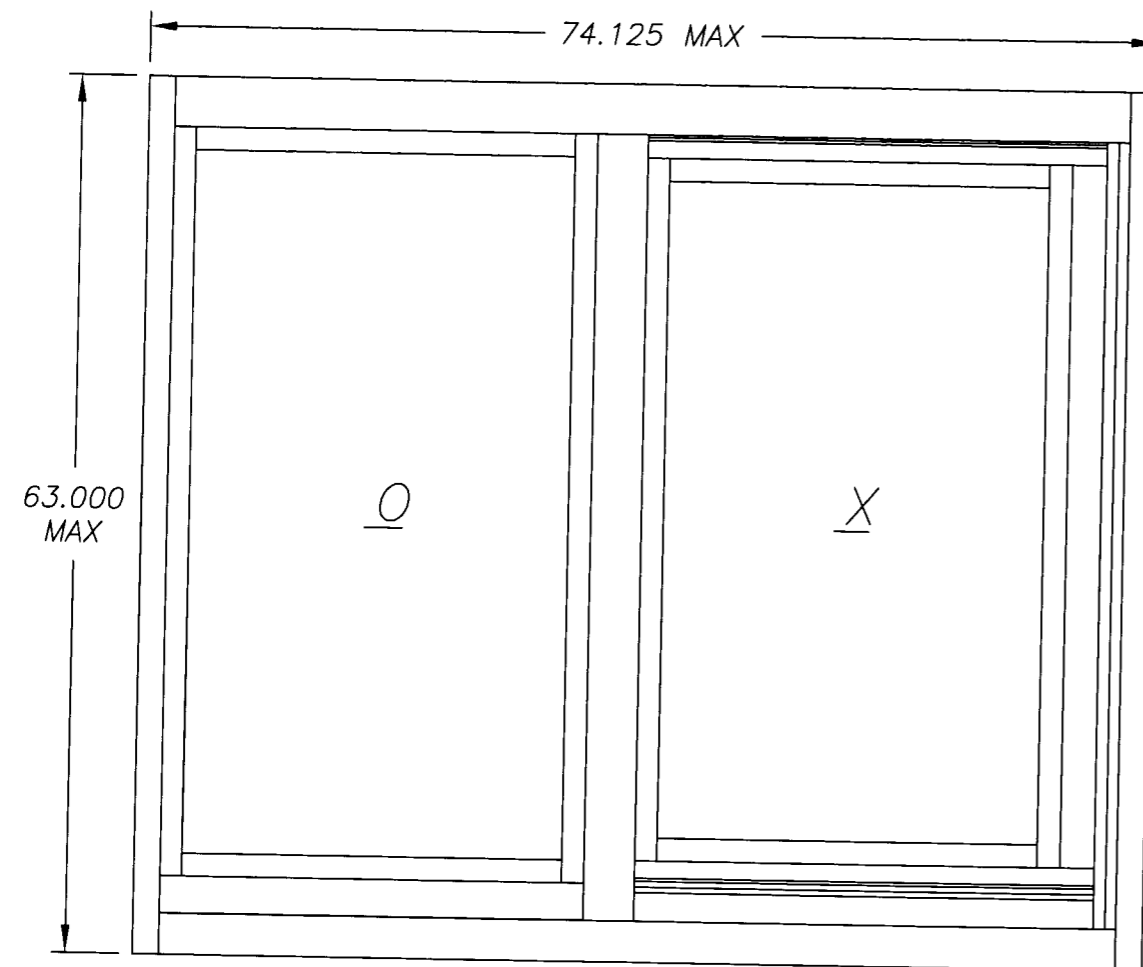
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 01-0518.05 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**.



NOA No 02-0419.12
Expiration Date: July 30, 2006
Approval Date: May 23, 2002
Page 1



LARGE MISSILE IMPACT WINDOWS

- 1.) GLAZING OPTIONS:
A. 3/16" ANNEALED W/ DUPONT 457 SENTRY GLASS
B. 3/16" HEAT STRENGTHENED W/ DUPONT 457 SENTRY GLASS
- 2.) CONFIGURATIONS: XO or OX
- 3.) DESIGN PRESSURE RATING: SEE TABLE
- 4.) ANCHORS:
MAX. 6" FROM EACH CORNER
2 ANCHORS 4" APART, 4" FROM EACH MEETING RAIL
MAX. SPACING AT HEAD & SILL: 12.000
MAX. SPACING AT JAMBS: 12.000
- 5.) SHUTTER REQUIREMENT:
NO SHUTTERS REQUIRED
- 6.) REF. TEST REPORT FTL-1821

DESIGN PRESSURE RATING FOR GLASS TYPE B - 3/16" H.S. W/ SENTRY GLASS									
ALL SIZES TO 74.125 WIDE x 63.000 HIGH							NEG	POS	
							-55.0	55.0	
COMPARATIVE ANALYSIS FOR: GLASS TYPE A - 3/16" A W/ SENTRY GLASS									
WINDOW WIDTH	WINDOW HEIGHT								
	26.000		38.375		50.625		63.000		
	NEG	POS	NEG	POS	NEG	POS	NEG	POS	
48.000	-55.5	55.0	-55.5	55.0	-55.5	55.0	-55.5	55.0	
53.125	-55.5	55.0	-55.5	55.0	-55.5	55.0	-48.0	48.0	
60.000	-55.5	55.0	-55.5	55.0	-53.2	53.2	-41.1	41.1	
66.000	-55.5	55.0	-55.5	55.0	-49.6	49.6	-38.1	38.1	
72.000	-55.5	55.0	-55.5	55.0	-47.3	47.3	-36.7	36.7	
74.000	-55.5	55.0	-55.5	55.0	-46.5	46.5	-36.5	36.5	

NO.	DESCRIPTION	V.T. #	VENDOR	QTY./LOCATION	VENDOR#
1	FLANGE FRAME JAMB	612225	ALUMAX	2	AF-12225
2	FIXED MEETING RAIL	612228	ALUMAX	1	AF-12228
3	SASH TOP RAIL	612229	ALUMAX	1	AF-12229
4	SASH BOTTOM RAIL	612230	ALUMAX	1	AF-12230
5	GLAZING BEAD - 1/4"	612234	ALUMAX		AF-12234
6	WINDLOAD ADAPTER	612236	ALUMAX	1	AF-12236
7	FLANGE FRAME HEAD	612237	ALUMAX	1	AF-12237
8	FLANGE FRAME SILL	612238	ALUMAX	1	AF-12238
9	FRAME SILL ADAPTER	612239	ALUMAX	1	AF-12239
10	SASH TOP & BOT. RAIL	612240	ALUMAX	2	AF-12240
11	SCREEN RETAINER	6532377	ALUMAX	1	532377
12	3/16" Annealed Glass		PPG. LOF		
13	3/16" Ann. Glass w/Dupont 457		lam. by Romag. Vericom		
14	1/4" Tempered Glass		PPG. LOF		
15	1"x1/2"x 3" OPEN CELL PAD			3 (@ each weephole)	
16	#6 x 1.000 PH. PAN SMS	76X1PPA	MERCHANTS FASTENER	1 (Anti-lift Channel)	
17	#8 x .375 PHIL. P.H. TEK	78X38PPT	MERCHANTS FASTENER	4 (Windload Adapter)	
18	#8 x .500 PHIL. FI SMS	7856A	MERCHANTS FASTENER	4 (Sweep Latches)	
19	#8 x 1.000 PHIL. P.H. SMS	781PQA	MERCHANTS FASTENER		
20	SWEEP LATCH	71096	MIN. DIE CASTING	2 (meet.rail 1 1/2 from ends)	PGT.214.XX
21	WEEP HOUSING	70250	MASTER TOOL	3 (2.25" from ends, 1 @ cen.)	7-M10-250
22	WEEP FLAP	70251	MASTER TOOL	3 (2.25" from ends, 1 @ cen.)	7-M10-251
23	ROLLER HOUSING	71092	MASTER TOOL	2 (1@ ea. end of vent bottom)	70312
24	BRASS WHEELS	7BRWHL2	VINYL-TECH/P.G.T.	2 per Roller Housing.	
25	Wstp. - PILE\FINSEAL	61062W	SCHLEGEL CORP.	Vent top/bot. & meet. rail	FS7826-187
26	SILICON	62899	DOW CORNING		899
27	WEATHERSTRIP, BULB VINYL	6TP249	TEAM PLASTICS	Vent jamb	TP-249
28	Wstp., THIN WALL BULB VINYL	6TP247	TEAM PLASTICS	Glazing Bead (Sentry, 1/4")	TP-247
29	ANTI-LIFT CHANNEL	612244	ALUMAX	1 (frame head @ vent midspan)	AF-12244
30	1"x3/4"x 1/4" OPEN CELL PAD			2 (1@ ea. end of meet. rail)	
31	Wstp., THICK WALL BULB VINYL	6TP248	TEAM PLASTICS	Glazing Bead (3/16")	TP-248

NON-IMPACT WINDOWS

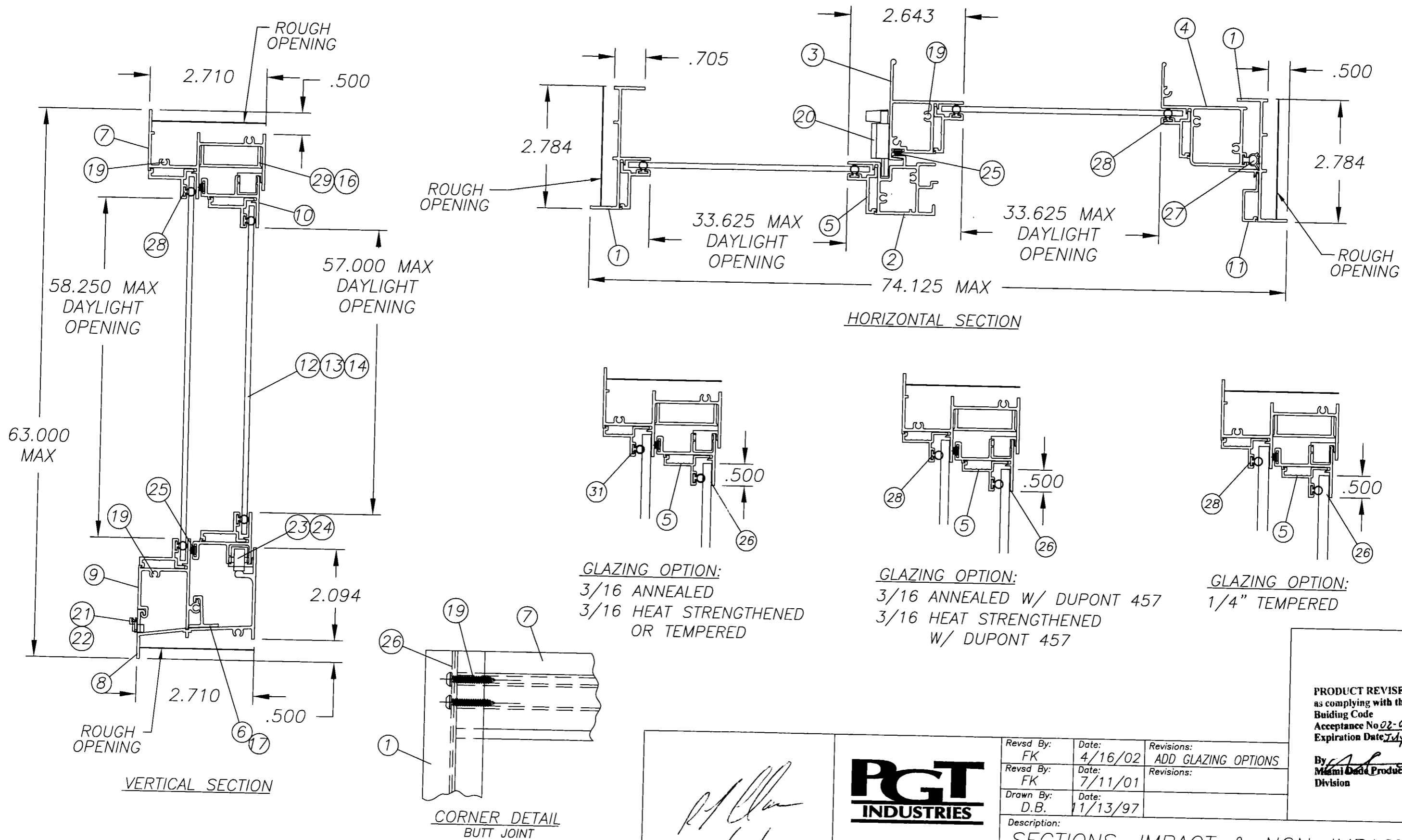
- 1.) GLAZING OPTIONS:
A. 3/16" ANNEALED
B. 3/16" HEAT STRENGTHENED OR TEMPERED
- 2.) CONFIGURATIONS: XO or OX
- 3.) DESIGN PRESSURE RATING:
SEE COMPARATIVE ANALYSIS TABLES ON SHEET 3
- 4.) ANCHORS:
SEE COMPARATIVE ANALYSIS TABLES ON SHEET 3
- 5.) SHUTTER REQUIREMENT:
SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- 6.) REF. TEST REPORT FTL-1820

NON-IMPACT WINDOWS

- 1.) GLAZING: 1/4" TEMPERED
- 2.) CONFIGURATIONS: XO or OX
- 3.) DESIGN PRESSURE RATING:
+55.5 P.S.F., -55.5 P.S.F.
- 4.) ANCHORS:
MAX. 6" FROM EACH CORNER
2 ANCHORS 4" APART, 4" FROM EACH MEETING RAIL
MAX. SPACING AT HEAD & SILL: 12.000
MAX. SPACING AT JAMBS: 12.000
- 5.) SHUTTER REQUIREMENT:
SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- 6.) REF. TEST REPORT FTL-1819

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0419.12
Expiration Date July 30, 2006
Miami Dade Product Control
Division

 4/17/06 Robert L. Clark, P.E. PE #39712 Structural	 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	Revsd By: FK	Date: 4/16/02	Revisions: ADD SENTRY GLASS C.A.	
		Revsd By: FK	Date: 7/11/01	Revisions:	
		Drawn By: D.B.	Date: 11/13/97		
		Description: ELEVATION, IMPACT & NON-IMPACT OX	Title: ALUMINUM HORIZONTAL SLIDING WINDOW		
		Series/Model: HS-710	Scale: NTS	Sheet: 1 of 5	
		Drawing No. 4111		Rev: D	



REFERENCE: FTL-1819, FTL-1820 & FTL-1821

Robert L. Clark
4/17/02
Robert L. Clark, P.E.
FE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: FK	Date: 4/16/02	Revisions: ADD GLAZING OPTIONS
Revsd By: FK	Date: 7/11/01	Revisions:
Drawn By: D.B.	Date: 11/13/97	

Description:
SECTIONS, IMPACT & NON-IMPACT
Title:
ALUMINUM HORIZONTAL SLIDING WINDOW

Series/Model: HS-710	Scale: NTS	Sheet: 2 of 5	Drawing No. 4111	Rev: D
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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0419-12
Expiration Date July 30, 2006
By *[Signature]*
Miami Dade Product Control
Division

COMPARATIVE ANALYSIS FOR: GLASS: 3/16 ANNEALED
NOTES: 1.) Numbers in () parentheses are quantity of anchors per side. FTL-1820
2.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
3.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
4.) Numbers are for #12 screws or 1/4" Tapcons.
5.) (1) anchor 4" from each side of meeting rail is required.
(Total of (2) anchors at each meeting rail.)
Anchors 6" from each corner and as follows:
Max. spacing at head & sill = 15.250" MAX. SIZE
Max. spacing at jambs = 12.500" 74.125 x 63.000

Window Width	Window Height							
	26.000 (2)		38.375 (3)		50.625 (4)		63.000 (5)	
	neg	pos	neg	pos	neg	pos	neg	pos
24.000 (4)	-120.00	66.67	-120.00	66.67	-120.00	66.67	-120.00	66.67
26.500 (4)	-120.00	66.67	-120.00	66.67	-120.00	66.67	-120.00	66.67
37.000 (4)	-120.00	66.67	-120.00	66.67	-107.10	66.67	-91.90	66.67
48.000 (4)	-120.00	66.67	-89.30	66.67	-67.60	66.67	-57.20	57.20
53.125 (6)	-107.70	66.67	-80.30	66.67	-58.40	58.40	-48.00	48.00
60.000 (6)	-85.90	66.67	-72.30	66.67	-53.20	53.20	-41.10	41.10
66.000 (6)	-73.10	66.67	-67.30	66.67	-49.60	49.60	-38.10	38.10
72.000 (6)	-63.50	63.50	-58.60	58.60	-47.30	47.30	-36.70	36.70
74.000 (6)	-60.90	60.90	-55.50	55.50	-46.50	46.50	-36.50	36.50

COMPARATIVE ANALYSIS FOR: GLASS: 3/16 HEAT STRENGTHENED OR TEMPERED
NOTES: 1.) Numbers in () parentheses are quantity of anchors per side. FTL-1820
2.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
3.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
4.) Numbers are for #12 screws or 1/4" Tapcons.
5.) (1) anchor 4" from each side of meeting rail is required.
(Total of (2) anchors at each meeting rail.)
Anchors 6" from each corner and as follows:
Max. spacing at head & sill = 15.250" MAX. SIZE
Max. spacing at jambs = 12.500" 74.125 x 63.000

Window Width	Window Height							
	26.000 (2)		38.375 (3)		50.625 (4)		63.000 (5)	
	neg	pos	neg	pos	neg	pos	neg	pos
24.000 (4)	-135.00	66.70	-135.00	66.70	-135.00	66.70	-135.00	66.70
26.500 (4)	-135.00	66.70	-135.00	66.70	-135.00	66.70	-135.00	66.70
37.000 (4)	-135.00	66.70	-135.00	66.70	-119.40	66.70	-91.90	66.70
48.000 (4)	-131.90	66.70	-131.90	66.70	-98.60	66.70	-74.70	66.70
53.125 (6)	-107.70	66.70	-107.70	66.70	-92.10	66.70	-69.20	66.70
60.000 (6)	-85.90	66.70	-84.40	66.70	-84.40	66.70	-63.50	63.50
66.000 (6)	-73.10	66.70	-69.80	66.70	-69.80	66.70	-59.60	59.60
72.000 (6)	-63.50	63.50	-58.60	58.60	-58.60	58.60	-56.40	56.40
74.000 (6)	-60.90	60.90	-55.50	55.50	-55.00	55.50	-55.00	55.00

COMPARATIVE ANALYSIS FOR: GLASS: 1/4 TEMPERED
NOTES: 1.) Numbers in () parentheses are quantity of anchors per side. FTL-1819
2.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
3.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
4.) Numbers are for #12 screws or 1/4" Tapcons.
5.) (1) anchor 4" from each side of meeting rail is required.
(Total of (2) anchors at each meeting rail.)
Anchors 6" from each corner and as follows:
Max. spacing at head & sill = 15.250" MAX. SIZE
Max. spacing at jambs = 12.500" 74.125 x 63.000

Window Width	Window Height							
	26.000 (2)		38.375 (3)		50.625 (4)		63.000 (5)	
	neg	pos	neg	pos	neg	pos	neg	pos
24.000 (4)	-190.00	66.70	-190.00	66.70	-190.00	66.70	-190.00	66.70
26.500 (4)	-190.00	66.70	-190.00	66.70	-190.00	66.70	-190.00	66.70
37.000 (4)	-190.00	66.70	-190.00	66.70	-172.10	66.70	-132.50	66.70
48.000 (4)	-190.00	66.70	-190.00	66.70	-142.10	66.70	-107.60	66.70
53.125 (6)	-155.30	66.70	-155.20	66.70	-132.80	66.70	-99.70	66.70
60.000 (6)	-123.90	66.70	-121.70	66.70	-121.70	66.70	-91.50	66.70
66.000 (6)	-105.30	66.70	-100.60	66.70	-100.60	66.70	-85.80	66.70
72.000 (6)	-91.60	66.70	-84.50	66.70	-84.50	66.70	-81.30	66.70
74.000 (6)	-87.80	66.70	-80.00	66.70	-80.00	66.70	-80.00	66.70

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0419.12
Expiration Date July 30, 2006

By 
Miami Dade Product Control
Division



1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Robert L. Clark, P.E.
PE #39712
Structural


4/17/02

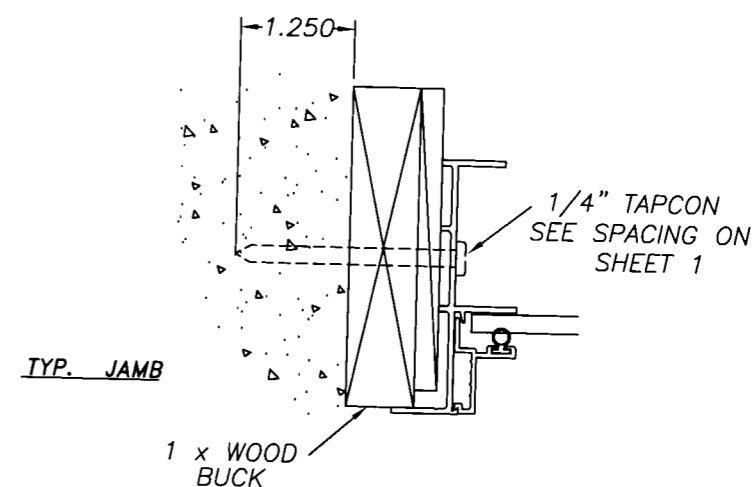
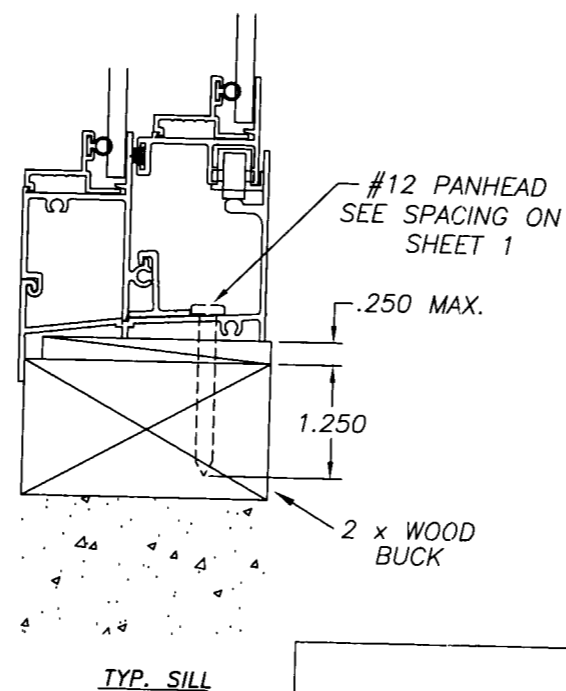
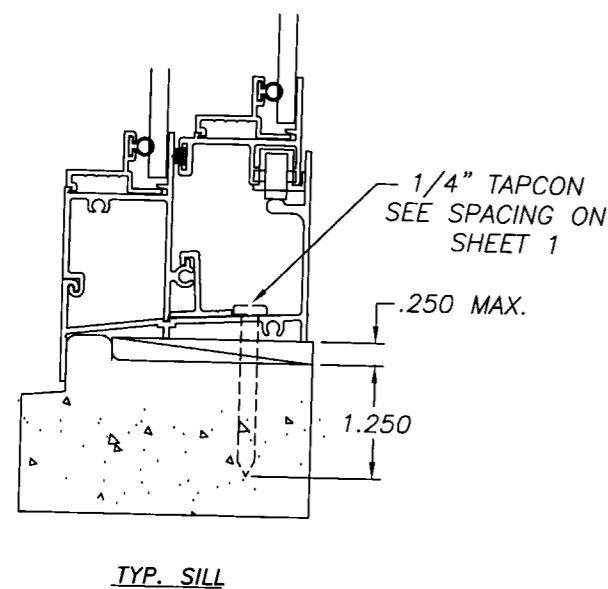
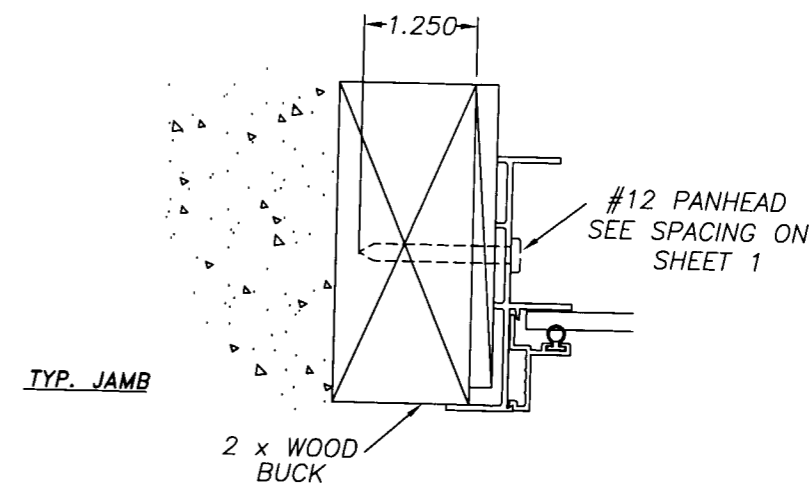
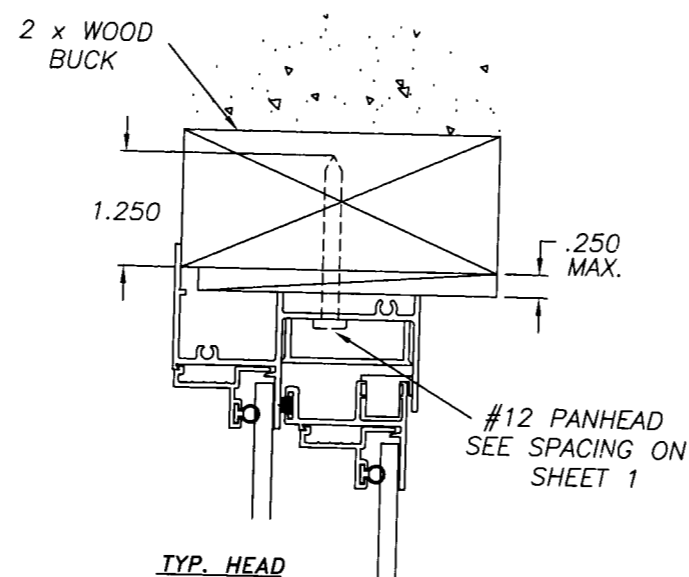
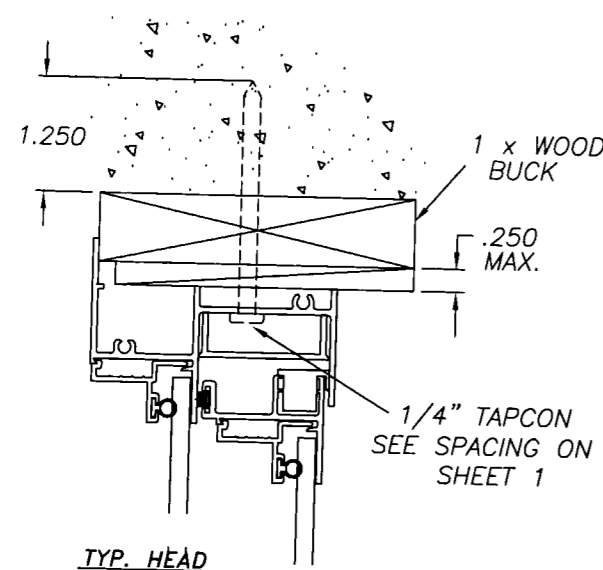
Revsd By:	Date:	Revisions:
FK	4/16/02	ADD 3/16 HS C.A.
Revsd By:	Date:	Revisions:
FK	7/11/01	
Drawn By:	Date:	
D.B.	11/13/97	

Description:
COMPARATIVE ANALYSIS, NON-IMPACT

Title:
ALUMINUM HORIZONTAL SLIDING WINDOW

Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
HS-710	NTS	3 of 5	4111	D

REFERENCE TEST REPORTS: FTL-1819 & FTL-1820



REFERENCE: FTL-1819, FTL-1820 & FTL-1821

Robert L. Clark
4/17/02

Robert L. Clark, P.E.
PE #39712
Structural

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1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
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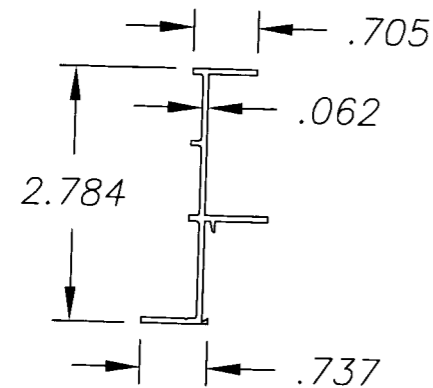
Revsd By: FK	Date: 4/16/02	Revisions: NO CHG THIS SHT
Revsd By: FK	Date: 7/11/01	Revisions:
Drawn By: D.B.	Date: 11/13/97	

Description:
ANCHORAGE

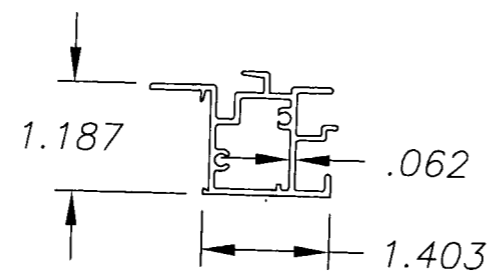
Title:
ALUMINUM HORIZONTAL SLIDING WINDOW

Series/Model: HS-710	Scale: NTS	Sheet: 4 of 5	Drawing No. 4111	Rev: D
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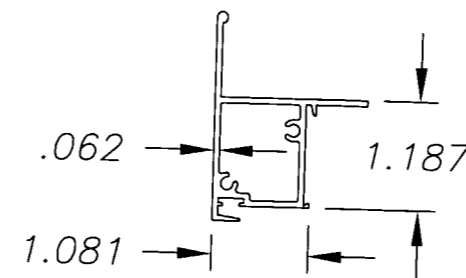
PRODUCT REVISED
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By *[Signature]*
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Division



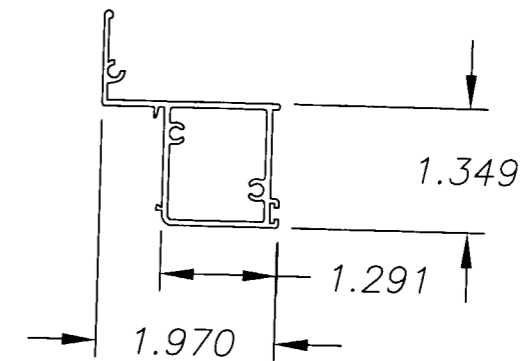
① FLANGE FRAME
6063-T5 ALUM.



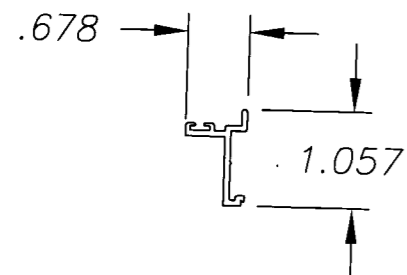
② FIXED MEETING RAIL
6063-T5 ALUM.



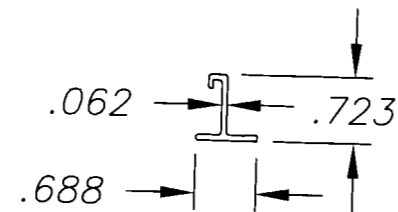
③ SASH TOP RAIL
6063-T5 ALUM.



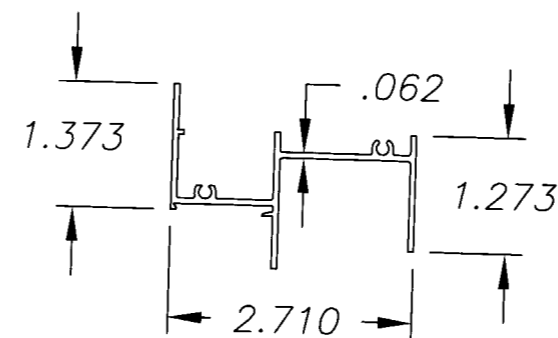
④ SASH BOTTOM RAIL
6063-T5 ALUM.



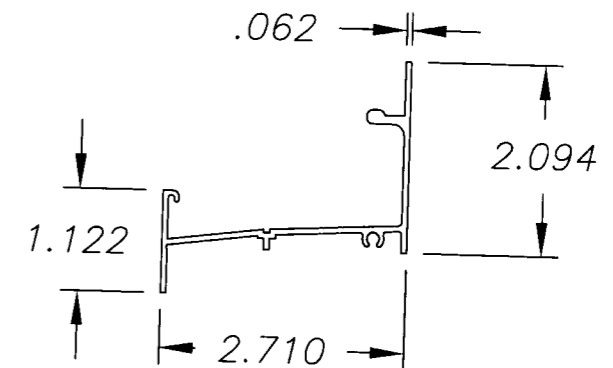
⑤ 1/4" GLAZING BEAD



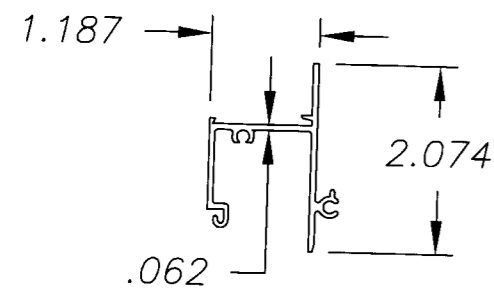
⑥ WIND LOAD ADAPTER
6063-T5 ALUM.



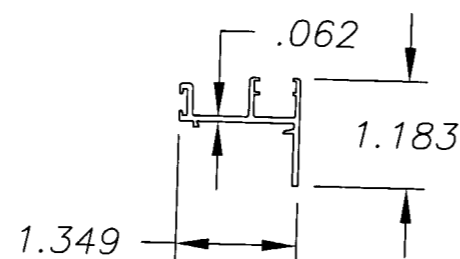
⑦ FLANGE FRAME HEAD
6063-T5 ALUM.



⑧ FLANGE FRAME SILL
6063-T5 ALUM.



⑨ FRAME SILL ADAPTER
6063-T5 ALUM.



⑩ SASH TOP & BOTTOM RAIL
6063-T5 ALUM.

REFERENCE: FTL-1819, FTL-1820 & FTL-1821

Robert L. Clark
4/17/02

Robert L. Clark, P.E.
PE #39712
Structural

P&T
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: FK	Date: 4/16/02	Revisions: NO CHG THIS SHT
Revsd By: FK	Date: 7/11/01	Revisions:
Drawn By: D.B.	Date: 11/13/97	

Description:
EXTRUSION PROFILES

Title:
ALUMINUM HORIZONTAL SLIDING WINDOW

Series/Model: HS-710	Scale: NTS	Sheet: 5 of 5	Drawing No. 4111	Rev: D
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as complying with the Florida
Building Code
Acceptance No 02-0419.12
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By *[Signature]*
Miami Code Product Control
Division